

# ENVIRONMENTAL SERVICES DEPARTMENT



***Leading the Way to a Sustainable City***

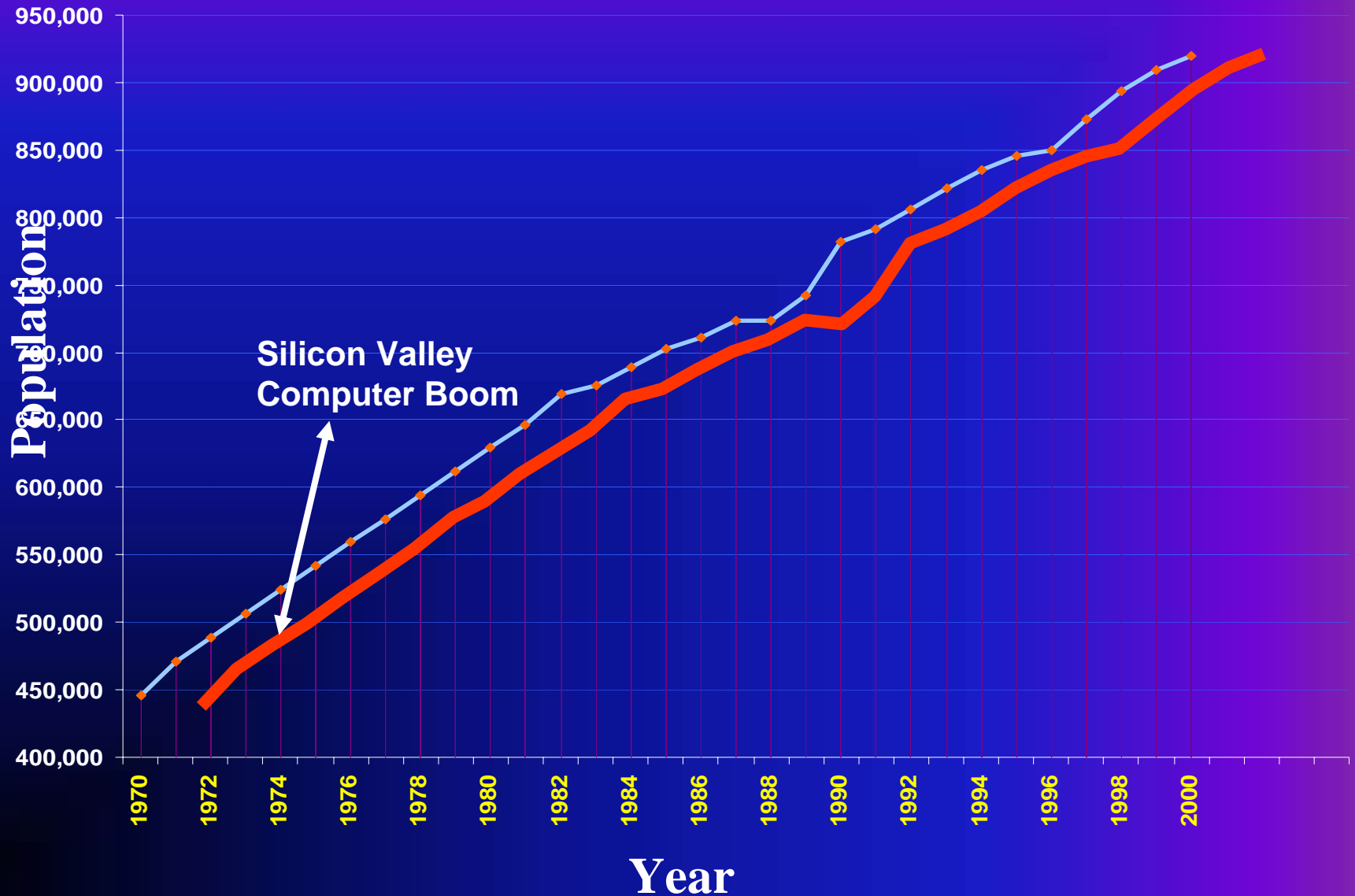
# Santa Clara Valley Then.....



# Santa Clara Valley Now.....



# San Jose Population - 1970-2000





# Mission

*Work with our community to conserve natural resources and safeguard the environment for future generations*



# Core Services

*Manage Potable Water*

*Manage Wastewater*

*Manage Recycled Water*

*Manage Urban Runoff*

*Manage Recyclables  
collection & Processing*

*Manage Garbage Collection &  
Disposal*

*Protect Air, Land & Energy  
Resources*



# *Core Service: Manage Potable Water*



*Municipal Water System*

# *Core Service: Manage Potable Water*



## Water Conservation



# *Core Service: Manage Wastewater*



**San Jose/Santa Clara Water Pollution Control Plant  
Circa 1956**

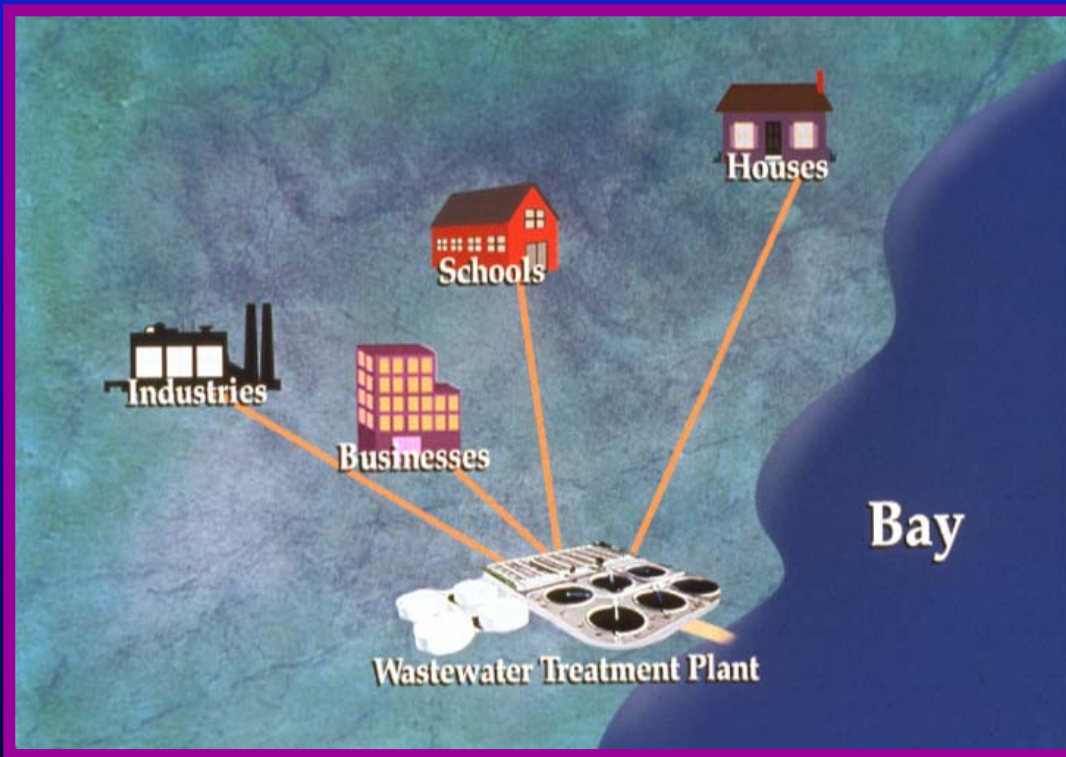
# *Core Service: Manage Wastewater*



- Capacity of up to 167 million gallons per day
- 28 hours for water to be processed into fresh water.

**San Jose/Santa Clara Water Pollution Control Plant  
Today**

# *Core Service: Manage Wastewater*

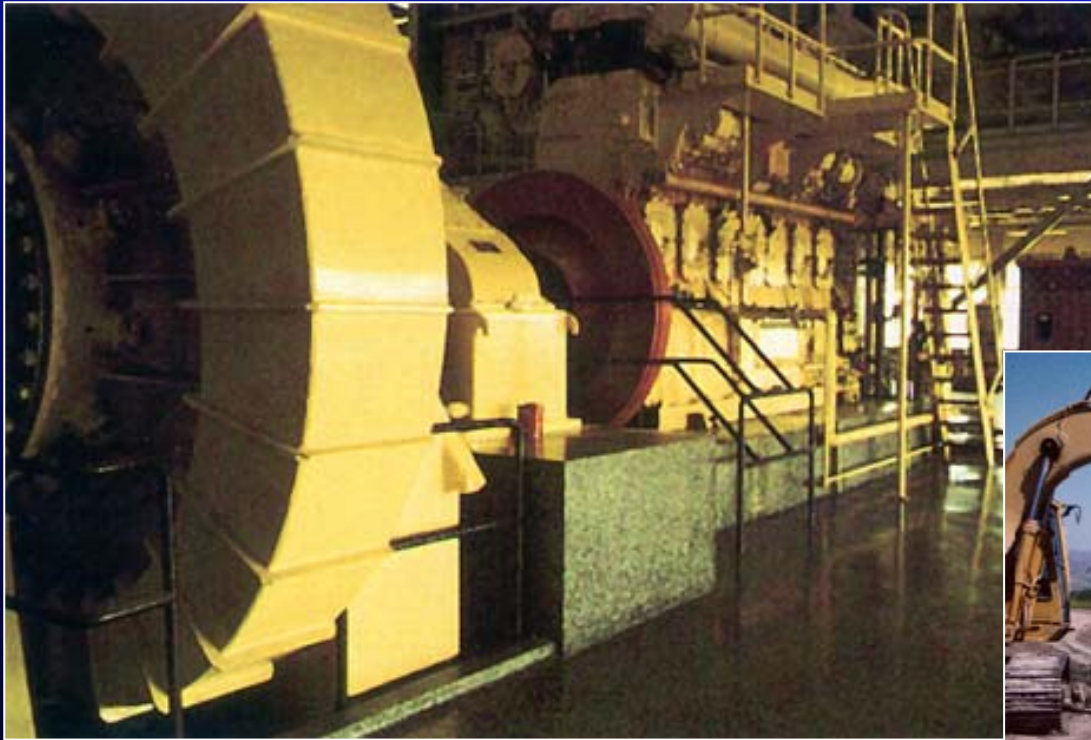


- Serves a population of 1.3 million People
- Serves a tributary area of 300 square miles

**San Jose/Santa Clara Water Pollution Control Plant**



# *Core Service: Manage Wastewater*

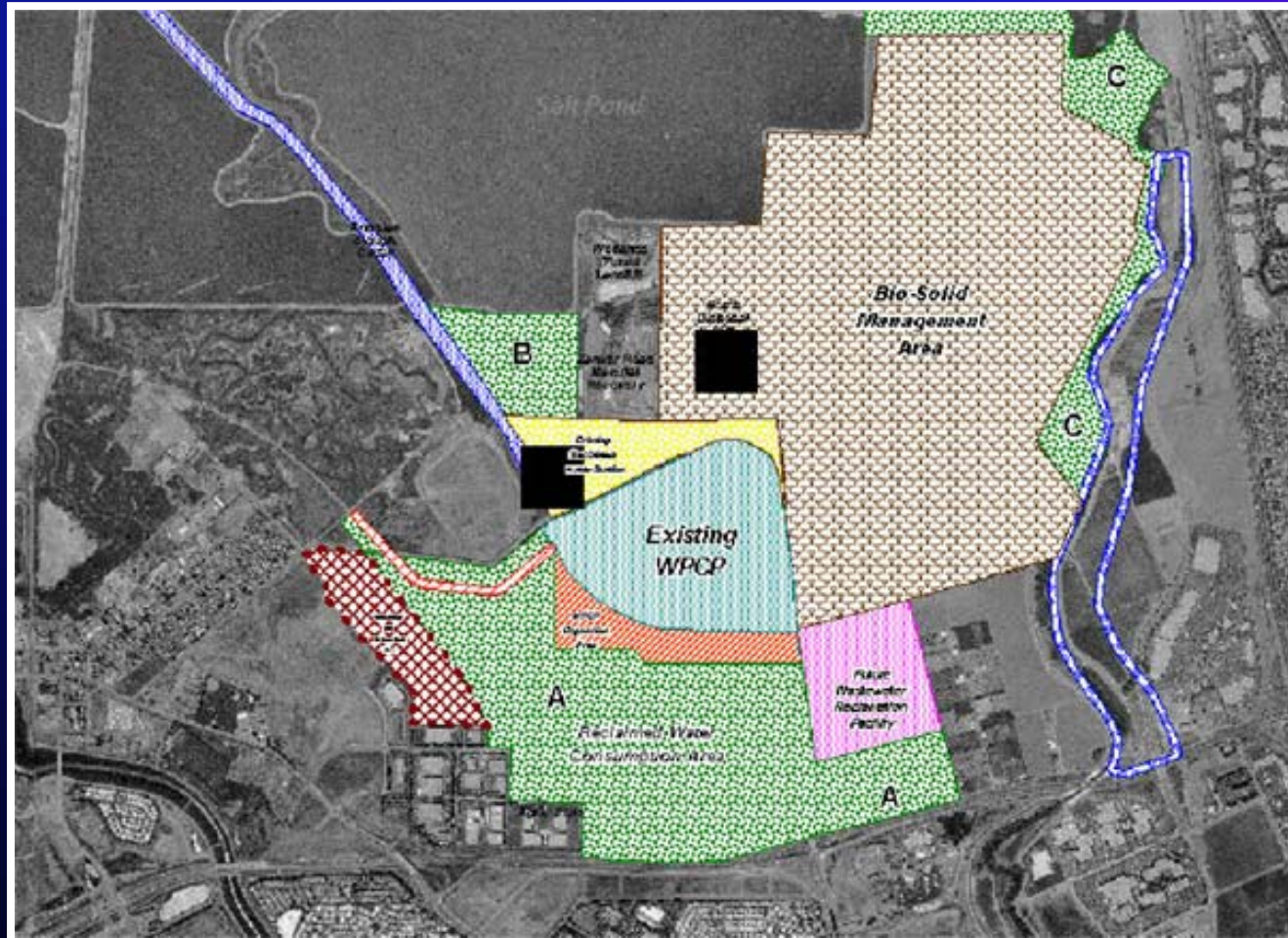


**By-product Recycling**

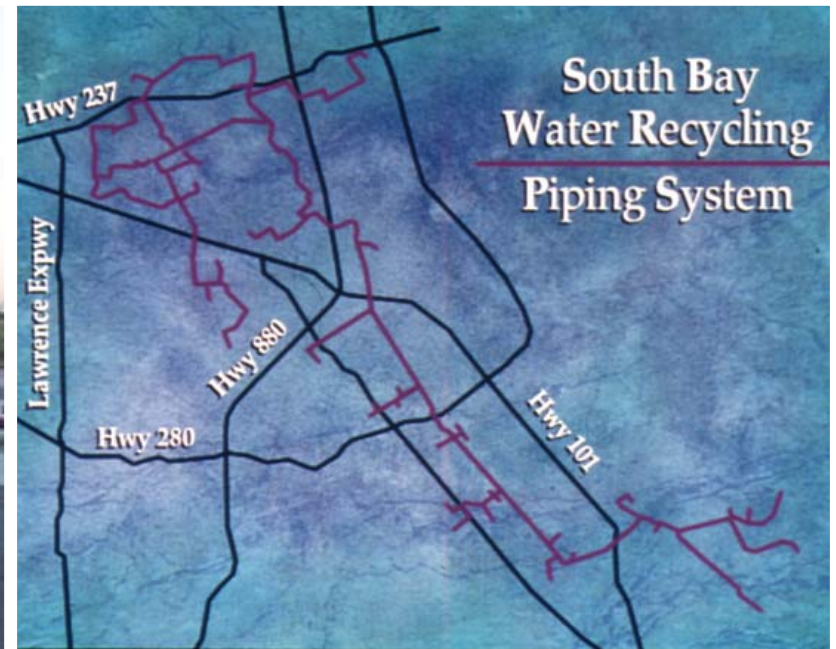


# *Core Service: Manage Wastewater*

## Land Use



# *Core Service: Manage Recycled Water*



**South Bay Water Recycling**



# *Core Service: Manage Urban Runoff*

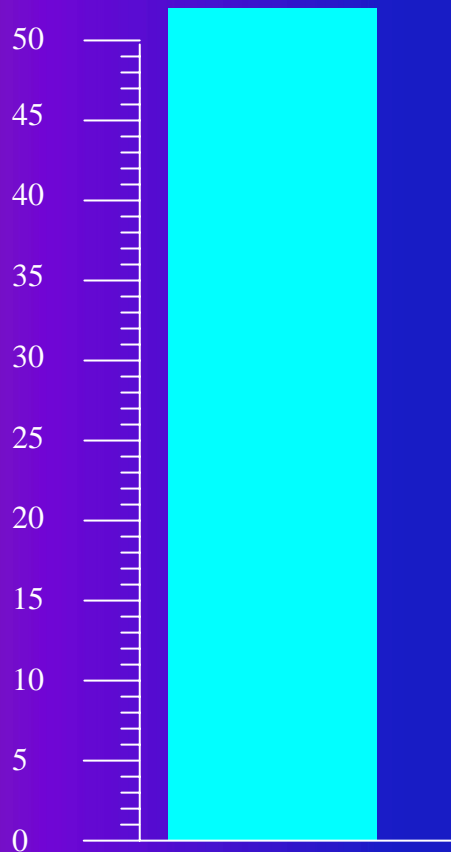


**Storm Drain Stenciling**

# *Core Service: Manage Recyclables Collection & Processing*



Recycle where you  
live, work & play



**Recycle Plus!**



# *Core Service: Manage Recyclables Collection & Processing*



Recycle where you  
live, work & play



## Composting



# *Core Service: Manage Recyclables Collection & Processing*



Recycle where you  
live, work & play



**Public Area Recycling**



# *Core Service: Garbage Collection & Disposal*



Recycle where you  
live, work & play



## Garbage Collection

# *Core Service: Protect Air, Land and Energy*

Wood Smoke Ordinance





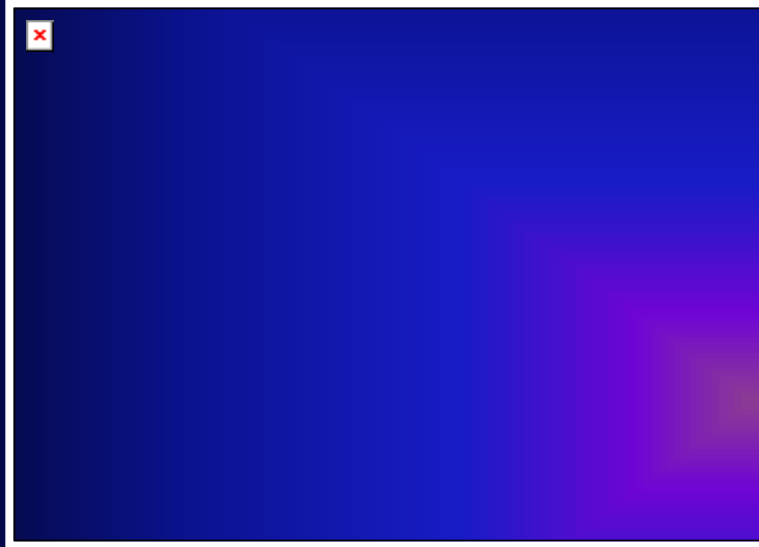
# *Core Service: Protect Air, Land and Energy*

Seattle  
Green Government  
Building

**Green Building**



# *Core Service: Protect Air, Land and Energy*



**Cool  
Communities**

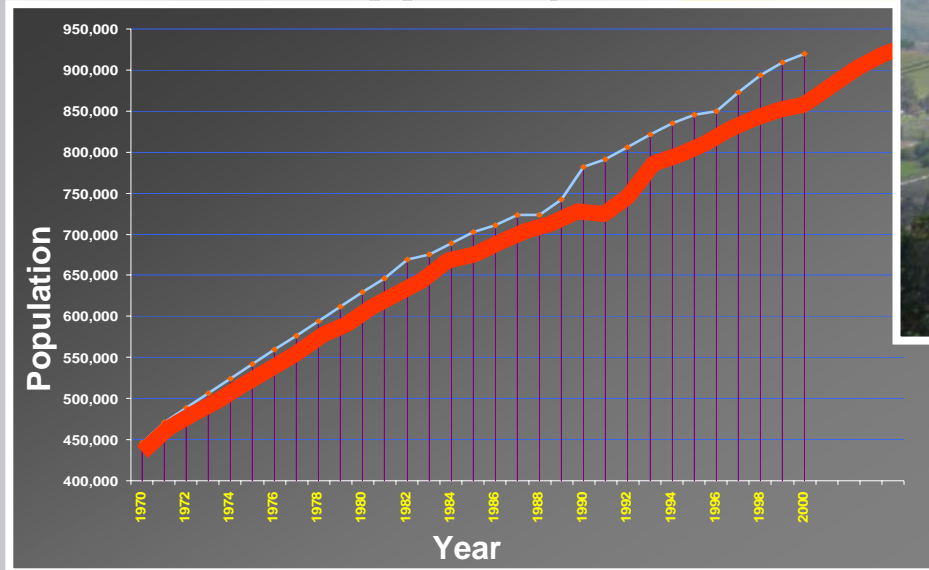


# *Core Service: Protect Air, Land and Energy*



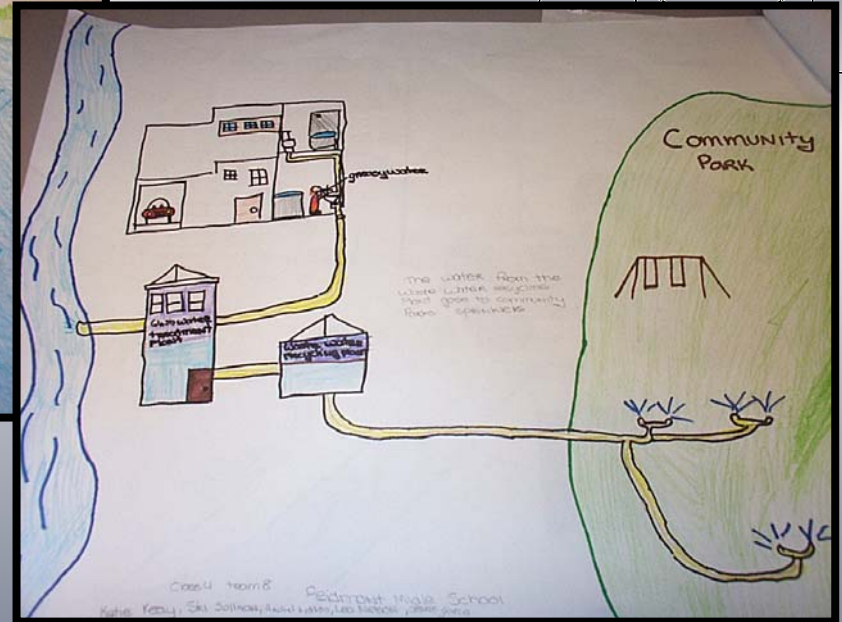
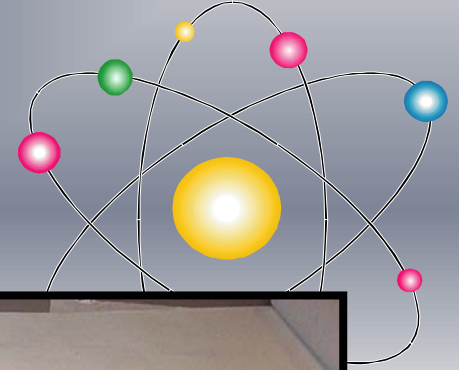
## **Salt Marsh Acquisition**

# Looking to the Future



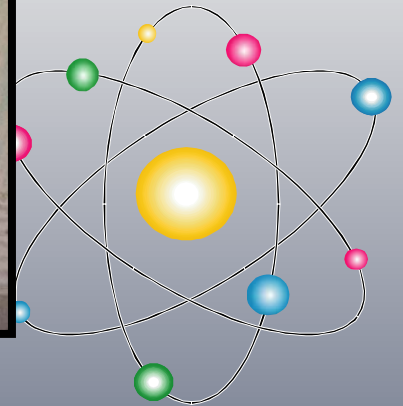


# Looking to the Future



# Kids Artwork

# Looking to the Future



# Kids Artwork